| Index | of Claims |
|-------|-----------|
| | |
| | |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/731,806 | LIU ET AL. |
| Examiner | Art Unit |
| Xiuqin Sun | 2863 |

| √ | Rejected |
|---|----------|
| = | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| + | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | | | _ | ı | | | |
|----------|--|--|----------|--|--|--------------|----------|--------------|--------------|-----------------|
| Cla | im | | | | | Date | | | | |
| Final | Original | 6/14/07 | | | | | | | | |
| | 1 | √ | \vdash | ┢ | \vdash | | ┢═ | \vdash | | Н |
| | 2 | 1 | | \vdash | | | | _ | | |
| | 3 | √ √ √ | | Г | | | Г | | | |
| | 4 | √ | | | | | | | | |
| | 5 | 0 | | | | | | | | |
| | 1 2 3 4 5 6 7 | 0 | | | | | | | | |
| | 7 | √ | _ | L | _ | | | | | |
| | 8 | 1 | | <u> </u> | <u>L</u> | | | | | |
| L | 9 | 1 | L | | _ | | <u> </u> | ļ | _ | |
| | 10 | 1 | <u> </u> | _ | ⊢ | _ | <u> </u> | <u> </u> | L | Н |
| <u> </u> | 11 | 1 | \vdash | ├— | ├ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Н |
| - | 12 | 0 1 1 1 1 1 1 | ┝ | ⊢ | ├- | | ┡ | _ | | H |
| <u> </u> | 13 | 1 | ┝ | - | - | | \vdash | \vdash | ├ | Н |
| | 10 11 12 13 14 15 16 17 18 | ö | ┝ | - | | \vdash | \vdash | - | | \vdash |
| _ | 16 | 0 | ┢─ | ╁ | \vdash | \vdash | ┢ | \vdash | \vdash | Н |
| | 17 | | - | - | | - | | \vdash | _ | |
| | 18 | 0 √ √ | \vdash | \vdash | 一 | _ | - | \vdash | _ | Н |
| | 19 | 1 | | Н | | \vdash | | \vdash | | П |
| | 20 | 1 | | | | | | | | |
| | 20 21 | | | | | | | | | |
| | 22 | | | Г | | | Г | | | |
| | 22 23 | | | | | | | | | |
| | 24 | | | | | | | | | |
| | 25 26 27 | | L_ | L_ | | | L_ | _ | | |
| | 26 | | _ | _ | <u> </u> | _ | | _ | L | Щ |
| | 27 | <u> </u> | | | | <u> </u> | _ | _ | <u> </u> | L_ |
| • | 28 29 | _ | <u> </u> | <u> </u> | _ | _ | _ | _ | _ | Ш |
| | 29 | | - | - | - | - | - | - | <u> </u> | - |
| | 30 | - | _ | - | - | | - | <u> </u> | - | Н |
| | 31 32 | - | ├— | \vdash | | _ | _ | | _ | Н |
| | 33 | ┢ | _ | \vdash | _ | _ | \vdash | \vdash | \vdash | Н |
| | 33 34 | - | \vdash | - | _ | | - | _ | | \vdash |
| | 35 | | Н | Н | | | - | - | ļ — | $\vdash \vdash$ |
| | 36 | | Н | | _ | | ┪ | Н | Н | Н |
| | 36 37 | | | T | | | | Г | <u> </u> | |
| | 38 | | | | | | | | | |
| | 39 | | | | | | | | | |
| | 4 | | | | | | | | 匚 | |
| | 41 | | | | <u> </u> | | | | | |
| | 42 | _ | L | | | | | | L | Ш |
| | 43 | | | | <u> </u> | _ | | <u> </u> | <u> </u> | Щ |
| | 44 | <u> </u> | <u> </u> | <u></u> | <u> </u> | | _ | <u> </u> | <u> </u> | Ш |
| | 45 | | | <u> </u> | <u> </u> | | _ | <u> </u> | <u> </u> | Ш |
| | 46 | — | <u> </u> | | | | <u> </u> | <u> </u> | <u> </u> | \vdash |
| | 47 | | - | | | | - | \vdash | \vdash | $\vdash\vdash$ |
| \vdash | 48 49 | - | - | | | - | - | <u> </u> | \vdash | $\vdash\vdash$ |
| | 49 | - | - | <u> </u> | <u> </u> | | <u> </u> | | ⊢ | Н |

| Cla | im | | | _ | [| Date | | | | |
|----------|----------------------|----------|--------------|--------------|----------|----------|-------------|----------|--------------|--------------|
| | | | | | | | | | | |
| Final | Original | | | | | | | | | |
| | 51 | | | | | | | | | |
| | 52 | | \vdash | _ | _ | | \vdash | | | |
| — | 53 | | | ├─ | | - | | | \vdash | |
| <u> </u> | 54 | - | | - | ┝∸ | \vdash | \vdash | \vdash | | H |
| | 55 | - | | ├— | - | | ⊢ | ⊢ | - | |
| | 22 | - | - | ├ | <u> </u> | _ | ⊩ | ⊢ | H | ı |
| | 56 | | | ⊢ | _ | | <u> </u> | ⊢ | - | - |
| | 57 | _ | _ | <u> </u> | _ | | _ | H | | |
| - | 58 | _ | | <u> </u> | L- | | | | - | <u> </u> |
| | 59 | _ | ⊢ | - | \vdash | - | ┝ | ⊢ | | |
| - | 60 | _ | \vdash | ┝ | - | | ┝ | - | ⊢ | H |
| - | 61 | _ | | <u> </u> | <u> </u> | | <u> </u> | | | |
| | 62 63 | <u> </u> | - | | <u> </u> | | - | | H | <u> </u> |
| | 03 | <u> </u> | \vdash | <u> </u> | - | <u> </u> | <u> </u> | \vdash | \vdash | ├ |
| | 64 | <u> </u> | | - | - | | - | ├ | | |
| <u> </u> | 65 | _ | \vdash | _ | | | <u> </u> | ┝ | _ | |
| | 66 | | <u> </u> | | | _ | _ | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | 67 | _ | <u> </u> | _ | _ | | _ | | | <u> </u> |
| \vdash | 68 | _ | L | \vdash | | | <u> </u> | _ | | |
| | 69 | | | | | | - | <u> </u> | | |
| - | 70 | | | | _ | | _ | | - | _ |
| \vdash | 71 | | | <u> </u> | | _ | | | - | |
| - | 72 | | - | | | <u> </u> | <u> </u> | <u> </u> | | - |
| - | 73 74 | _ | H | \vdash | \vdash | _ | | \vdash | _ | <u> </u> |
| | 7 4 75 | | | \vdash | - | _ | - | ⊢ | | |
| - | 76 | | \vdash | _ | _ | - | | ⊢ | Н | H |
| \vdash | 77 | | \vdash | \vdash | | | - | \vdash | \vdash | \vdash |
| - | 78 | | \vdash | \vdash | | | _ | ┢─ | \vdash | \vdash |
| | 79 | | - | - | | - | - | - | - | \vdash |
| | 80 | | - | _ | | | | - | | \vdash |
| - | 81 | | - | | - | | | \vdash | | _ |
| - | 82 | | - | | | | _ | \vdash | | \vdash |
| | 83 | | Н | - | | - | | \vdash | | \vdash |
| | 84 | | П | | | | | | | _ |
| | 85 | | Н | Т | Н | Н | | Г | | |
| | 86 | | | | | П | | _ | | \vdash |
| | 87 | | H | | | Н | | \vdash | | |
| | 88 | | | П | П | | | | | \vdash |
| | 89 | | | | | | | | | |
| | 90 | | | | | | | | | |
| | 91 | | | | | | | | | |
| | 92 | | | | | | | | | |
| | 93 | | Ш | L | | | | <u> </u> | | L |
| ļ | 94 | | Ш | | | | L | _ | | L |
| | 95 | <u></u> | Щ | | Ш | Щ | _ | <u> </u> | | L |
| <u> </u> | 96 | | L | | Ш | Ш | <u> </u> | <u> </u> | | <u> </u> |
| \vdash | 97 | | \vdash | H | Ш | \vdash | _ | \vdash | | |
| \vdash | 98 | | | | | \vdash | <u> </u> | \vdash | Щ | \vdash |
| - | 99 | | \vdash | H | Н | \vdash | _ | \vdash | <u> </u> | _ |
| | 100 | <u></u> | L | L | | | | | | L |

| Claim | | Date | | | | | | | | | |
|-------|-------------------|-----------|--------------|--|----------|--|--------------|----------|--|-----------------|--|
| Cli | aim | _ | _ | | | Jate | 9 | | | ᆔ | |
| Final | Original | | | | | | | | | | |
| | 101 102 | | | | | | | | | | |
| | 102 | | | | | | | | | | |
| | 103 | | | | | | | | | | |
| | 104 105 | | _ | _ | | | | | | | |
| | 105 | | _ | | | _ | | L | | Ш | |
| | 106 | | <u> </u> | _ | _ | _ | <u> </u> | _ | _ | Ш | |
| | 107 | <u> </u> | ⊢ | ⊢ | _ | - | <u> </u> | | | - | |
| | 108 109 | - | - | \vdash | - | <u> </u> | ├─ | ┝ | ⊢ | \vdash | |
| | 110 | - | - | ┢ | ⊢ | ⊢ | | ┝ | - | \vdash | |
| | 111 | \vdash | H | \vdash | <u> </u> | | | | | - | |
| | 112 | H | H | | - | \vdash | - | \vdash | _ | $\vdash \vdash$ | |
| | 112 113 | | | Ι_ | | Г | \vdash | | Г | П | |
| | 114 | | | | | | | | | | |
| | 115 | | | | | | | | | | |
| | 116 | | | 匚 | | _ | | | | Ц | |
| | 117 | L_ | <u> </u> | L_ | | _ | | | | Ш | |
| | 118 119 | <u> </u> | <u> </u> | <u> </u> | _ | | | | _ | Ш | |
| | 119 | | ├ | <u> </u> | _ | <u> </u> | <u> </u> | | | Щ | |
| | 120 | | - | ├ | | ┝ | ┝ | | _ | Н | |
| | 121 122 | | ├— | ├ | <u> </u> | - | \vdash | | | \vdash | |
| | 123 | - | \vdash | ⊢ | | - | \vdash | | \vdash | | |
| | 124 | \vdash | \vdash | - | | - | \vdash | \vdash | H | | |
| | 124 125 | _ | \vdash | \vdash | | | \vdash | | Н | - | |
| | 126 | | Т | | | \vdash | | | | | |
| | 126 127 128 | | | | | | | Г | | | |
| | 128 | | | | | | | | | | |
| | 129 | | | | | | | | | | |
| | 130 | | | | | _ | <u> </u> | _ | | | |
| | 131 | | L. | | <u> </u> | _ | <u> </u> | <u> </u> | | Ц | |
| | 132 | | _ | ⊢ | L | <u> </u> | | <u> </u> | | Ш | |
| | 133 134 | | \vdash | \vdash | - | _ | - | - | <u> </u> | \vdash | |
| | 135 | - | - | \vdash | \vdash | \vdash | - | - | | $\vdash\vdash$ | |
| | 136 | | | - | \vdash | | | \vdash | \vdash | $\vdash \vdash$ | |
| | 137 | | Н | | | _ | | | \vdash | Н | |
| | 138 | | | Г | Г | | | | | Н | |
| | 139 | | | | | | | | | | |
| | 140 | | | | | | | | | | |
| | 141 | | L | _ | | | | \Box | Ш | Ш | |
| | 142 | _ | _ | | L | L., | _ | _ | <u> </u> | Ш | |
| | 143 | | <u> </u> | \vdash | | _ | _ | <u> </u> | _ | Щ | |
| | 144 | - | <u> </u> | \vdash | | - | _ | \vdash | <u> </u> | $\vdash\vdash$ | |
| | 145 146 | - | \vdash | \vdash | \vdash | | _ | \vdash | \vdash | $\vdash \vdash$ | |
| | 147 | - | \vdash | | \vdash | Н | - | \vdash | \vdash | Н | |
| | 148 | - | - | | \vdash | - | | H | Н | Н | |
| | 149 | - | | | \vdash | - | | | | H | |
| | 150 | | | | | | | | | | |
| | | | | | | | | | | | |